

ABSTRACT

The invention provides an antibody contraceptive vaccine comprising an antibody that has at least one CDR containing a portion of an antigen of a cell or protein associated
5 with reproductive function and which antibody has an enhanced ability to elicit an anti-
idiotype response, for example, by substituting one or more variable region cysteine
residues that form intrachain disulfide bonds with an amino acid residue that does not have
a sulfhydryl group, such that the intrachain disulfide bond does not form. The invention
further provides methods contraception using the antibody contraceptive vaccines of the
10 invention

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